#1412

MULTI-COMPACT DISC PLAYER

COMPACT DISC POUR MULTI-LECTURE

CDX-M12

12-DISC

OWNER'S MANUAL
MODE D'EMPLOI

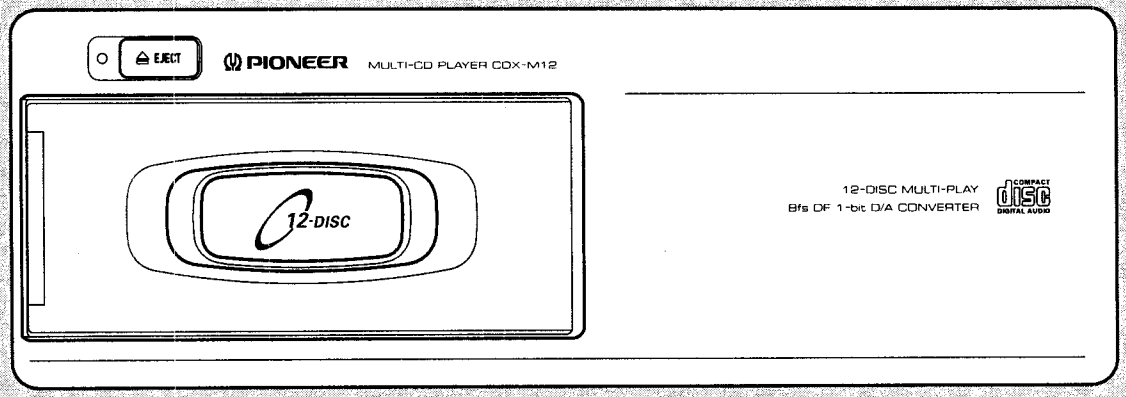
Thank you for purchasing this PIONEER product. Before attempting operation, be sure to read this manual.

Grazie per aver acquistato questo prodotto PIONEER. Leggere attentamente le istruzioni prima di usare questa unità.

Nous vous remercions d'avoir acheté cet appareil PIONEER. Avant de l'utiliser, prendre soin de lire ce manuel.

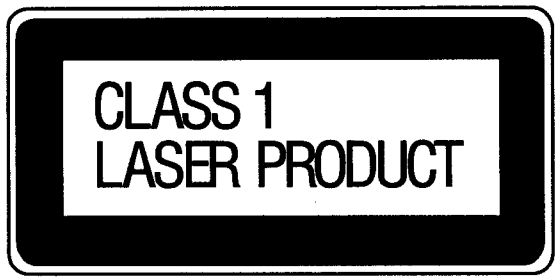
Vielen Dank für den Kauf dieses PIONEER Produkts. Diese Bedienungsanleitung vor der inbetriebnahme sorgfältif durchlesen.

Dank U voor de aanschaf van dit PIONEER-produkt. Lees deze gebruiksaanwijzing goed door, voordat het toestel in gebruik genomen wordt.



PIONEER®

The Art of Entertainment



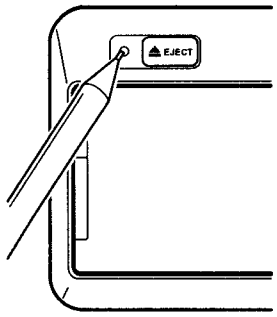
Note:
- A "CLASS 1 LASER PRODUCT" label is affixed to the rear of the player.

Nota:
- Sul retro del lettore è affissa una etichetta "CLASS 1 LASER PRODUCT".

Remarque:
- Une étiquette "CLASS 1 LASER PRODUCT" est apposée au dos du lecteur.

Hinweis:
- Auf der Rückseite des Geräts befindet sich ein Aufkleber mit den Worten "CLASS 1 LASER PRODUCT" (Produkt der Laser-Klasse 1).

Opmerking:
- Een "CLASS 1 LASER PRODUCT" (klasse 1 laserprodukt) label is aangebracht aan de achterkant van de CD-speler.



Pressing the clear button

If the power does not switch on or if the compact disc player does not operate when the button on the multi-CD controller is pressed, or if the multi-CD controller display is incorrect, press this button on the player with the tip of a pencil to restore normal operation. **Always press the clear button on the multi-CD controller, too, after pressing this button.**

Premendo il tasto di azzeramento

Se la corrente non si accende o se il lettore di Compact Disc non funziona quando si preme il tasto dell'unità di controllo per CD multipli, oppure se l'indicazione del display dell'unità stessa è sbagliata, premere questo tasto del lettore di Compact Disc con la punta di una matita per ripristinare il funzionamento normale dell'apparecchio. **Dopo aver premuto questo tasto, permere sempre anche quello di azzeramento dell'unità di controllo per CD multipli.**

En appuyant sur la touche d'effacement

Si l'alimentation n'est pas appliquée ou si le lecteur de compact disc ne fonctionne pas lorsque la touche située sur le contrôleur multi-CD est pressée, ou si l'affichage du contrôleur multi-CD est incorrect, appuyer sur cette touche du lectuer avec le bout d'un crayon pour remettre l'appareil en fonctionnement normal. **Toujours presser également la touche d'annulation du contrôleur multi-CD après avoir pressé cette touche.**

Drücken des Löschknopfes

Falls sich der CD-Spieler nach Drücken der entsprechenden Taste auf der Multi-CD Steuereinheit nicht einschaltet, sowie bei Funktionsstörungen oder falschen Anzeigen diesen Knopf auf dem Player mit einem spitzen Gegenstand drücken, um alle Funktionen rückzustellen. **Nach Betätigen dieses Knopfs ebenso den Löschknopf der Multi-CD Steuereinheit drücken.**

Op de wistoets drukken

Als de spanning niet ingeschakeld kan worden of als de CD-speler niet funktioneert wanneer een toets op de multi CD-bedieningseenheid wordt ingedrukt, of als het display-paneel van de multi CD-bedieningseenheid een verkeerde uitlezing geeft, druk dan deze toets op de speler met de punt van een potlood in om normaal funktioneren weer te herstellen. **Druk ook altijd de wistoets van de multi CD-bedieningseenheid in nadat deze toets is ingedrukt.**

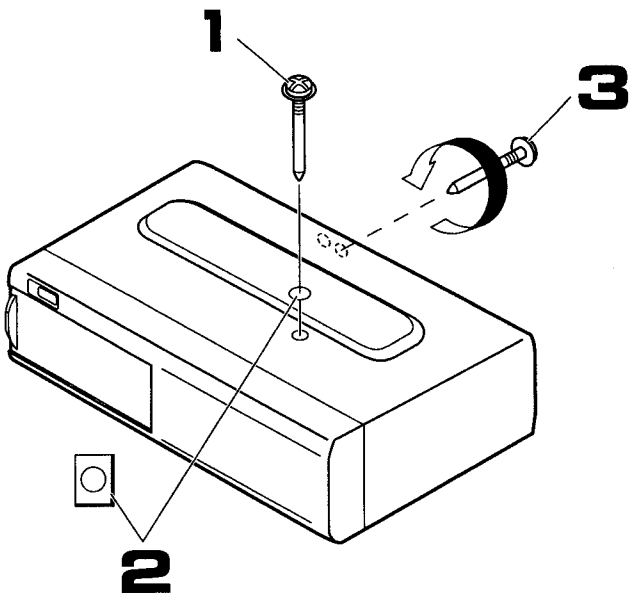


Fig. 1

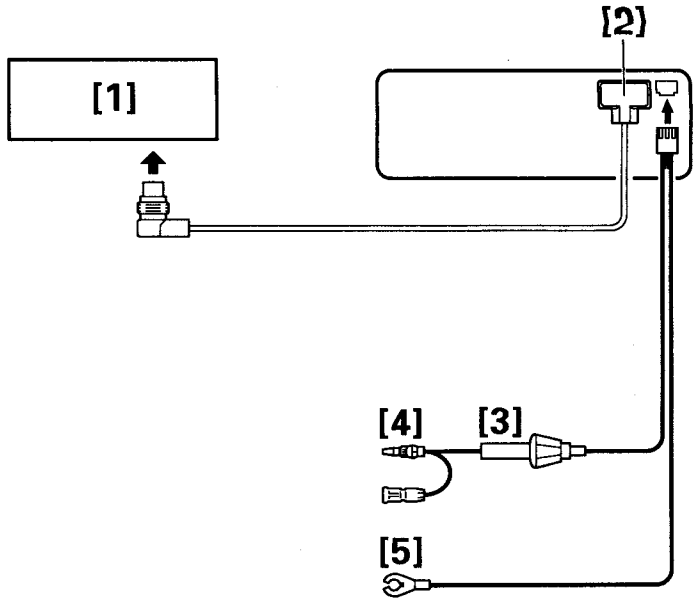


Fig. 3

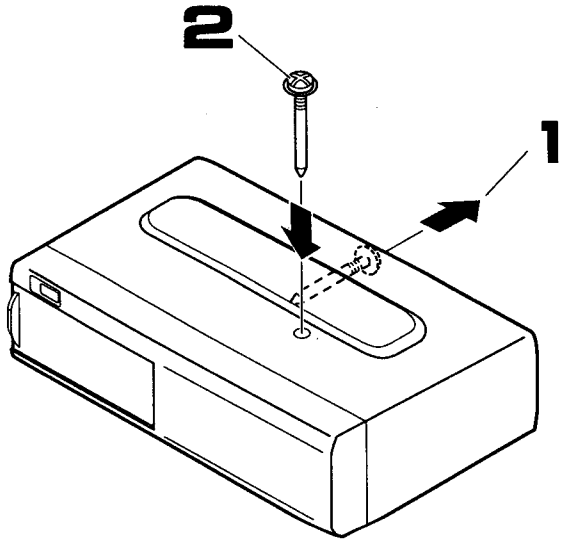


Fig. 2

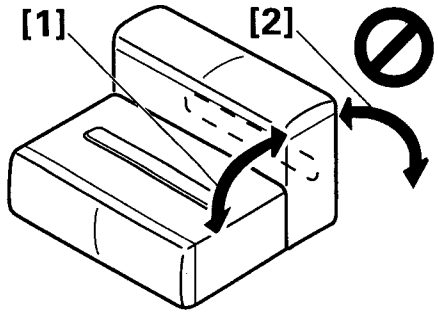


Fig. 4

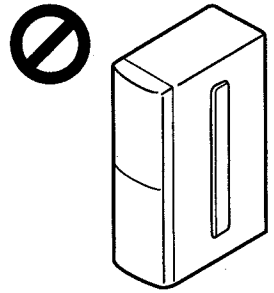


Fig. 5

Transportation pin

Removing the transportation pin (Fig. 1)

A transportation pin is installed to protect the player during transportation. Before mounting the player, remove the transportation pin and cover the hole with the supplied adhesive seal. Screw the removed transportation pin into the specified hole; it will be needed if you retransport the player.

1. Peel off adhesive tape and remove the pin.
2. Cover the hole with the seal provided.
3. Screw the pin into the left-side hole of the 2 holes.

Reinstalling the pin (Fig. 2)

To transport the player, reinstall the transportation pin as follows:

Before removing the player

Play back the first track of a disc, and stop within 10 seconds. Remove the magazine, wait about 10 seconds, then remove the player.

1. Remove the pin.
2. Insert the pin in its original position, and fix it with Scotch tape.

- *If the pin cannot be installed, contact your nearest dealer or Pioneer service station.*

Connecting the Units

- Before mounting, remove the transportation pin and connect the units temporarily. Check that the units are connected correctly by operating the multi-CD controller.
- After connection is complete, press the clear buttons on the player and the multi-CD controller with the tip of a pencil.
- *Be sure to connect the ground lead (black) to the vehicle body or some other metal part that is properly grounded to the chassis. If the ground lead is not properly connected, noise may occur or the player or multi-CD controller may not operate correctly.*
- *This unit is for vehicles with a 12-volt battery and negative grounding. Before installing it in a recreational vehicle, truck, or bus, check the battery voltage.*
- *To avoid shorts in the electrical system, be sure to disconnect the battery ⊖ cable before beginning installation.*
- *Check whether installation and wiring have been completed correctly. Replace the removed car components, then connect the end of the cable to the negative ⊖ terminal of the battery.*
- *Secure the wiring with cable clamps or adhesive tape. To protect the wiring, wrap adhesive tape around them where they lie against metal parts.*
- *Route and secure all wiring so it cannot touch any moving parts, such as the gear shift, handbrake, and seat rails. Do not route wiring in places that get hot, such as near the heater outlet. If the insulation of the wiring melts or gets torn, there is a danger of the wiring short-circuiting to the vehicle body.*
- *Don't pass the orange lead through a hole into the engine compartment to connect to the battery. This will damage the lead insulation and cause a very dangerous short.*
- *Do not shorten any leads. If you do, the protection circuit may fail to work when it should.*
- *Never feed power to other equipment by cutting the insulation of the power supply lead of the unit and tapping into the lead. The current capacity of the lead will be exceeded, causing over heating.*
- *Replace fuses only with the types stipulated on the fuse holder.*

(Fig. 3)

[1] Multi-CD controller
[2] Insert the 13-pin connector cord plug into the socket of the set.
[3] Fuse holder
[4] Orange
To terminal always supplied with power regardless of ignition switch position.
[5] Black (ground)
To vehicle (metal) body.

Installation

- *Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.*
- *Before finally installing the unit, connect the wiring temporarily and make sure it is all corrected up properly and the unit and the system work properly.*
- *Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.*
- *When mounting the player, make sure none of the leads are trapped between the player and the surrounding metalwork or fittings.*

Location

- *Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.*
- *Be sure to mount the player on a rigid surface which is firm enough to hold the player in the proper position under all circumstances. Failure to do so may affect the optimum performance of the player.*
- *Before drilling a hole into the trunk, confirm that there is nothing behind the hole. Never drill a hole in the fuel tank or any other important part.*
- *Do not mount the player near the heater outlet, where it would be affected by heat, or near the doors, where rainwater might splash onto it.*
- *Do not mount the player on the spare tire board or any other unstable place.*
- *Mount the player in a place where it does not prevent the spare tire, jack, or tools from being easily removed.*
- *Do not mount the player anywhere that gets the sun and so becomes hot, like on the dashboard or the rear shelf.*
- *Install this unit at the angle shown below. In addition, choose a place where the CD magazine can be loaded and unloaded easily.*

(Fig. 4)

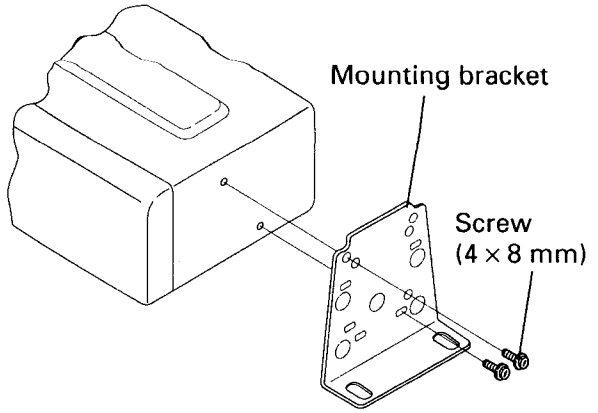
[1] Use any angle in this range (up to 90 degrees).
[2] The player cannot be installed in this direction.

(Fig. 5)

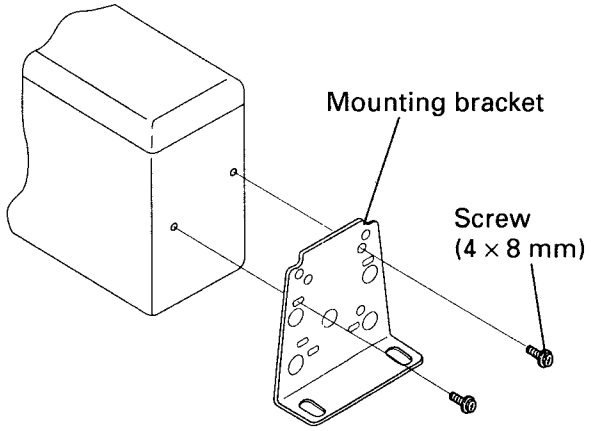
The player cannot be installed vertically like this. If it is positioned vertically, the magazine slot must face upward.

Mounting the player on the mounting board with self-tapping screws

1. Using the screws (4 × 8 mm), fit the mounting brackets to the sides of the player so they face downward.



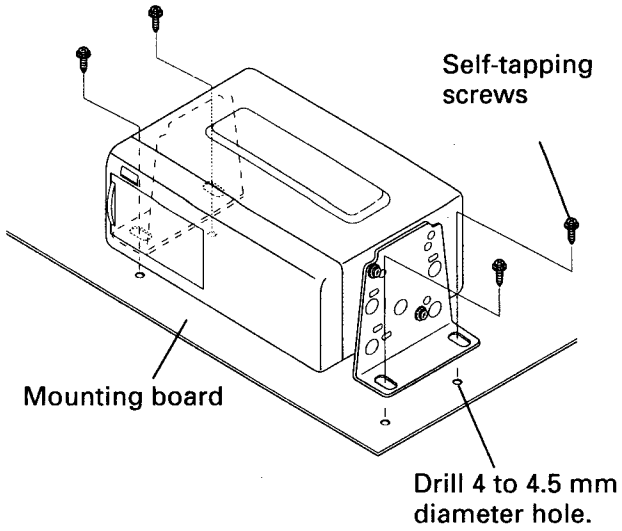
- When the player is installed horizontally, use the holes marked "HR" to attach the right mounting bracket, and the holes marked "HL" to attach the left mounting bracket.

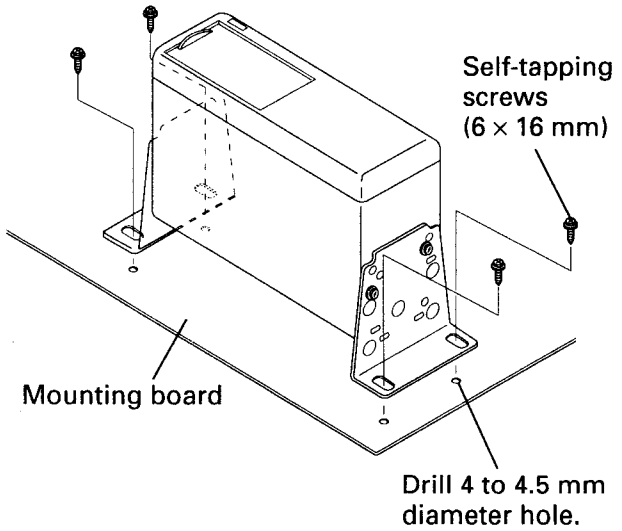


- When the player is installed vertically, use the holes marked "VR" to attach the right mounting brackt, and the holes marked "VL" to attach the left mounting bracket.

ENGLISH

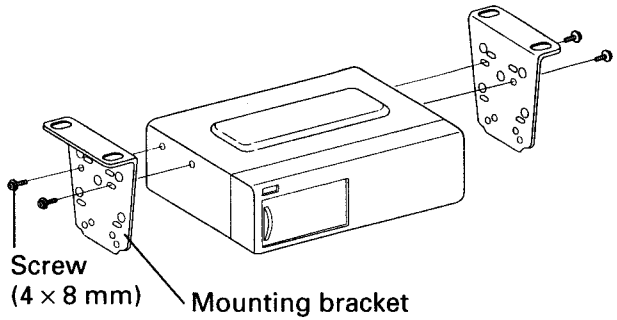
2. Mount the player on the mounting board with the self-tapping screws (6 × 16 mm).





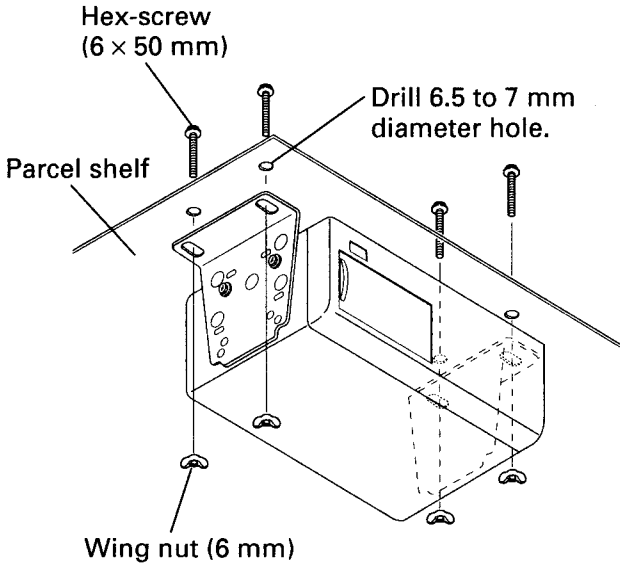
Suspending the player from the parcel shelf with hex-screws

1. Using the screws (4 × 8 mm), fit the mounting brackets to the sides of the player so they face upward.



- Use the holes marked "S" to attach the mounting brackets to the player.

2. Check the place of mounting and drill holes (6.5 to 7 mm diameter) through the parcel shelf.
3. Pass hex-screws (6 × 50 mm) through the holes from the passenger compartment side, fit them to the screw holes of the mounting bracket, and install with the wing nuts.



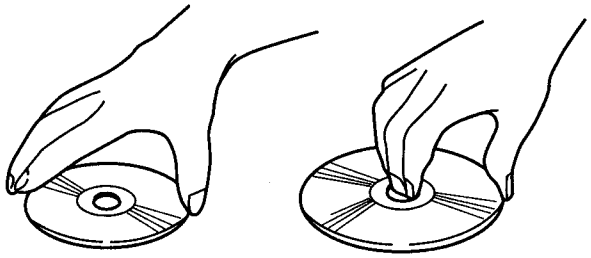
- *Ideally, when the player is being mounted under the parcel shelf, two persons should work together. One person should hold the player, and the other should tighten the wing nuts. If you do this job on your own, take great care not to drop or knock the player.*

Discs

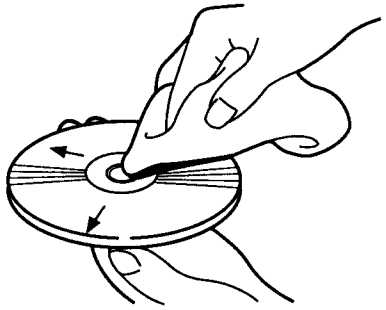
- *Only use compact discs (optical digital audio discs) bearing the mark shown below.*

COMPACT
disc
DIGITAL AUDIO

- *Be sure never to touch the signal surface when handling discs. Pick up discs by grasping the outer edges or the edges of the hole and the outer edge.*



- *Do not affix paper or tape, and avoid scratching the side of the disc which contains the label (contents of disc).*
- *The disc revolves at high speed within the player unit, so defective (cracked or badly bent) discs should not be used.*
- *Dust and/or finger smudges will have no direct effect on the signal recorded on the disc, but dirt can decrease the amount of light reflected from the recorded surface, thus affecting sound quality. If the disc should become soiled, gently wipe the surface with a soft lint-free cloth, wiping from the center of the disc to the edge.*



- *Do not use record sprays or antistatic agents. Such volatile chemicals as benzine and thinner can also damage the surface of the disc and should not be used.*
- *As with traditional audio records, compact discs are made of plastic. To avoid warping, keep the discs in their cases and do not store them in places exposed to direct sunlight.*

Using the Compact Disc Magazine

Precautions when handling magazines

- *Do not put the magazine in a place where it will be exposed to high temperatures or direct sunlight.*
- *Do not disassemble the magazine.*
- *Take care not to drop the magazine or knock it against anything.*
- *Do not use cracked or warped trays.*
- *Never insert anything other than discs. Do not attach a label or tape to a disc.*
- *The use of benzine, thinner, insecticide, or other volatile chemicals may damage the magazine surface.*

Extra magazines

If you need more magazines, please ask your nearest dealer for magazine JD-T1212.

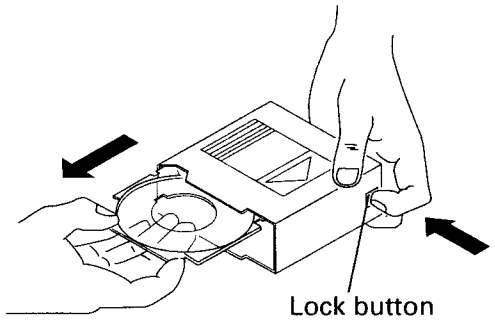
Notes on 8-cm (3inch) CDs

- *Do not use an 8-cm CD adapter. If it is used, the player may fail. To load an 8-cm CD, you need a special 8-cm CD tray (Part No. CXA5485). Ask your Pioneer service station about it.*

Inserting discs

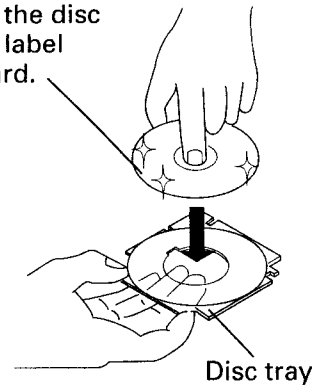
Load the discs in the magazine supplied. Up to 12 discs can be loaded in the magazine. The discs are numbered 1 to 12 from the bottom disc tray.

1. Hold down the magazine lock button and, pull the tray out.



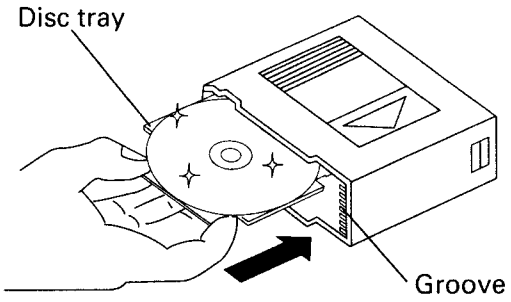
- *Pull the tray out by holding it from underneath as shown in the figure. The tray is detached from the magazine. Do not drop the tray or disc and so damage it.*

2. Put 1 disc on the disc tray, label downward.



- If the disc is loaded upside down, it will not play. The label side must face downward.
- Do not touch the recorded side of a disc when inserting or removing it.

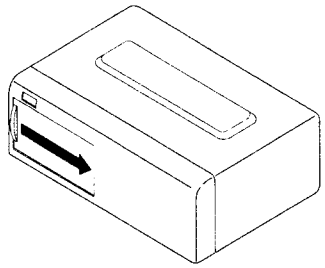
3. Insert the tray horizontally along the right and left grooves of the magazine until it clicks. (The disc must not lift from the tray.)



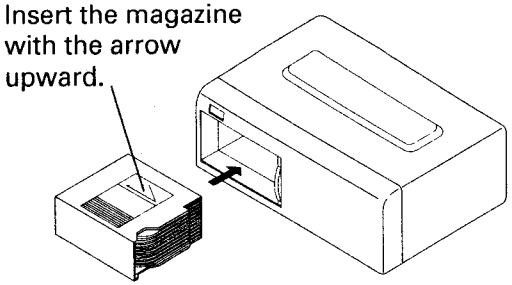
- *If the tray is not aligned with the right and left grooves, it cannot be pushed to the end. Do not bend or force the tray.*
- *Always load 12 trays in a magazine to prevent loss or warping of trays.*
- This compact disc player recognizes which magazine is in use from the bottom disc. Always keep a disc in the bottom disc tray.
- If you load a disc with the label generally printed in black facing up, not only will the player not be able to recognize whether the disc is set or not, but also, if you have a multi-CD controller, the controller will not display an error message to let you know about it. So make sure all the discs in each magazine have their label sides facing down.

Loading and removing the magazine

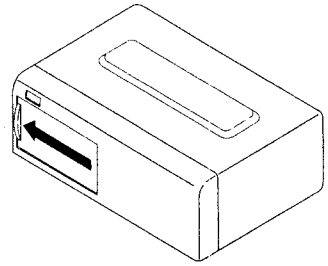
1. Slide and open the door.
   Open it fully until it locks with a click.



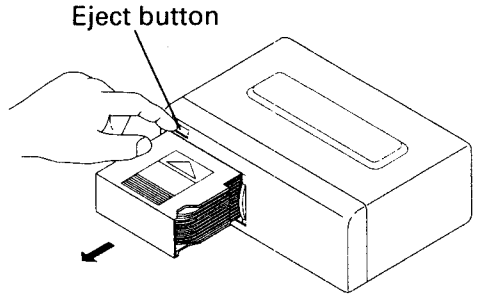
2. Insert the magazine.
- Make sure that the magazine is loaded with discs before inserting it into the player.
- Be careful to insert the magazine into player with the mark facing upward.
- *If the label on the magazine is coming off or wrinkled up, it may damage the eject mechanism, and in some cases, the magazine may not be ejected. Therefore, remove a damaged label completely before use.*



3. Slide and close the door.
- *Never leave the door open while playing discs. The entry of dirt, dust, or any other foreign matter into the player may cause it to fail.*



4. To remove the magazine, open the door and press the eject button. If the door is not fully open, the magazine will not be ejected.



How to use the multi-CD player

How to use the multi-CD player is explained in the instruction manual supplied with the multi-CD controller. The operation method of this player is not described in the owner's manual for some models, or it may be different from the description. See the following items.

Selecting discs

The following multi-CD controller owner's manual describes the operation of the 6-disc multi-CD player (CDX-M30, etc.), so selection of discs 7 to 12 is not explained there. If you use this player with the following multi-CD controller, read the following description of operation.

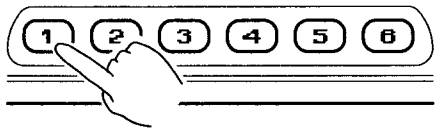
KEH-M9500RDS	KEH-M8500RDS
KEH-M8000RDS	KEH-M6500SDK
KEH-M6500	DEH-M990RDS

Disc selection (disc number search)

- The operation is described taking the KEH-M9500RDS as an example. It also applies to other models.

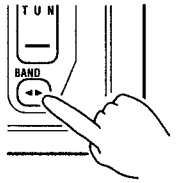
Operation from the main unit

To select one of discs 1 to 6:
Press the button corresponding to the desired disc number.

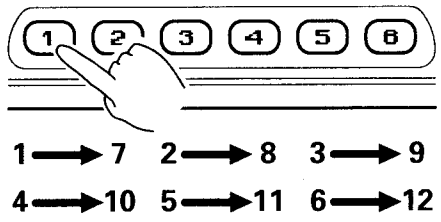


To select one of discs 7 to 12:

1. Press the program clear button until "7–12" flashes on the display (for about 8 seconds) while playing discs 1 to 6.



2. When "7–12" is flashing on the display, buttons 1 to 6 can be used to select discs 7 to 12. Press the button corresponding to the desired disc number. (Example: To play the disc in tray 7, press button 1.)



- To select discs 1 to 6 while discs 7 to 12 are being played, press the program clear button until "1–6" flashes on the display. When "1–6" is flashing on the display, buttons 1 to 6 can be used to select discs 1 to 6. Press the button corresponding to the desired disc number.

Remote controller operation

Each time the button is pressed, the disc number changes from 1 to 12.

Old models of multi-CD controllers other than those shown above (KEH-M9500RDS, etc.)
- Models for which the operation method of 12-disc multi-CD players is not explained in the owner's manual of the multi-CD controllers

Disc selection (disc number search)

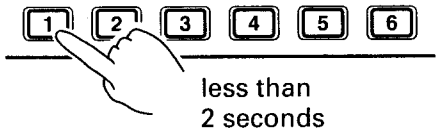
- The operation is described taking the KEX-M830RDS as an example. It also applies to other models.

Disc number display

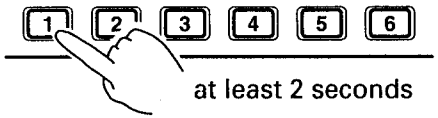
- The disc number shown on the display is 1–6 regardless of whether discs 1 to 6 or 7 to 12 are selected. (Discs 7 to 12 can be played, but 7–12 is not displayed.)

Operation from the main unit

To select one of discs 1 to 6:
Press the button corresponding to the desired disc number. Do not hold it down for longer than 2 seconds.



To select one of discs 7 to 12:
Hold down the button for at least 2 seconds. Discs 7 to 12 can be selected with buttons 1 to 6. (Example: To play the disc in tray 7, press button 1 for at least 2 seconds.)



1 → 7 2 → 8 3 → 9
4 → 10 5 → 11 6 → 12

Remote controller operation

Each time the button is pressed, the disc number changes from 1 to 12.

Other operations

If this player is used in conjunction with certain multi-CD controllers, actual operations, apart from disc selection (disc number search) may be different from the description in the instruction manual of the multi-CD controller. See the following section.

Note on disc title display

If this player is used in conjunction with the KEX-M900RDS or DEX-M88RDS, the title of the disc loaded in the player cannot be displayed. A digital fiber optic cable cannot be used to connect up this player.

Note on program play

Program play does not work if the player is used with a KEX-M700B, KEX-M700SDK, KEX-M800, KEX-M800SDK, or KEX-M801.

Note on last position memory

The owner's manuals for the KEX-M700B and KEX-M700SDK controllers say that the last track memory restarts play from the beginning of the track being played when the disc was stopped. But when you use one of these controllers with this player, the last position memory restarts play around the position at which the disc was stopped.

Note on random play

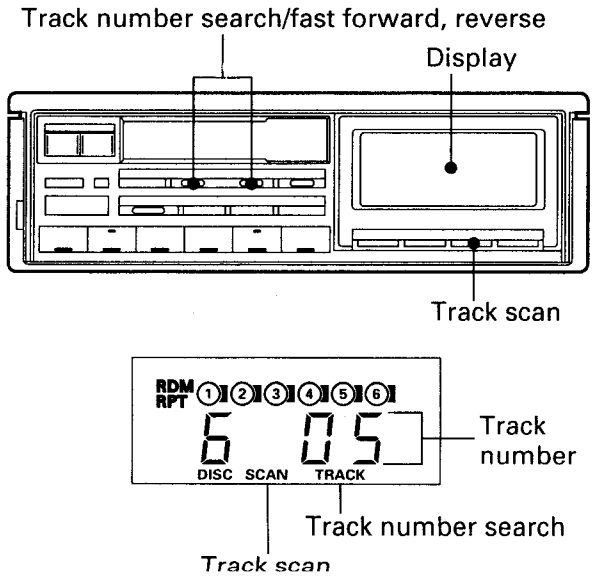
When using the random play feature of this player, you can get random play using up to 12 discs in the magazine. The owner's manuals for the KEX-M700B and KEX-M700SDK controllers say that random play works with only one disc. But when you use one of these controllers with this player, all 12 discs are available.

ENGLISH

Highlight scan

KEH-M7000SDK	KEH-M7001B
KEH-M7000B	KEH-M5000SDK
KEH-M5001B	KEH-M5000B
KEX-M800SDK	KEX-M801
KEX-M800	KEX-M700SDK
KEX-M700B	

If this player is combined with one of the models of mentioned above car stereo, it will offer highlight scan instead of track scan. In this case, ignore the section on track scan in the owner's manuals for the player, and read the following information on highlight scan instead. (This information refers to the KEH-M7000B player, but applied to other players, too.)



Using highlight scan

The highlight scan function plays one track after another for about 10 seconds each, beginning at a particular start time. Use it when searching for a piece you like. If you don't set the start time yourself, 10-second playback of each track starts one minute into each track.

1. Press the track scan button. (SCAN appears on the display).
2. Tracks will be played one after another for about 10 seconds, starting one minute into each track.
3. When you hear a track you like, press the track scan button again; the player will cancel highlight scan and continue playing the track.

- When highlight scan arrives back at the track at which it began, it is automatically cancelled and normal play resumes.

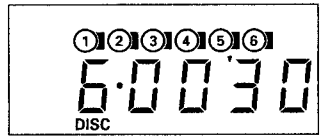
Changing the start time

Example: Setting the start time to 30 seconds into each track

1. Press the + and – sides of the track number search button at the same time. (This causes TRACK to disappear and the start time to appear on the display.)

- On the KEX-M700SDK and KEX-M700B models, press the track scan/fast forward and reverse button (manual) to ready the player for fast forward and reverse.

2. Using the + and – sides of the track number search button, set the time to 30 seconds.



3. Hold the track scan button down for more than 2 seconds. (SCAN appears on the display.) The next and subsequent tracks will be played with highlight scan, starting 30 seconds into each track.

- The start time can be set in 10-second steps. A time less than 10 seconds is taken as zero.
- If the total time of a track is less than the start time, the track is played from the beginning for about 10 seconds.
- If a track lasts for less than 10 seconds after highlight scan starts, the track is just played to the end, resulting in a shorter playing time.
- It is impossible to set a start time greater than the playing time for a particular track. If you want to start a long way into each track, make sure that you use a disc with long track.

Products with which the player cannot be used

This player does not work with the following products:

CD-FM1	CD-FM5	CD-M1
CD-M22	DEX-M300	DEX-M300SDK

Error Mode

If an error occurs—for example, if the CD player will not work or if it stops while playing—"ERROR" followed by an error number appears on the CD controller display. The error number indicates the cause of the error; check the items listed below. If you cannot correct the problem after checking the cause of the error, contact your dealer or nearest Pioneer service station.

- Some multi-CD controllers display only "ERROR", without the error number; in this case, check items 11, 14, 30 and 80 below.

Multi-CD controller display example

E–11 **Err–11** **ERR–11** **ERROR–11**

Error No.	Cause	Treatment
11, 12	Dirt or a scratch on the disc stops the laser beam from being able to focus.	Wipe off the dirt. Exchange the disc if it has been scratched.
	The disc has been inserted upside down.	Confirm that the disc has been inserted right side up.
14	The disc has been inserted upside down.	Confirm that the disc has been inserted right side up.
	An unrecorded compact disc (CD-R), which can be recorded on once is being used.	When you use a CD-R, load one that has been recorded on.
30	Dirt or a scratch on the disc hinders the track number search function.	Wipe the dirt off the disc. Exchange the disc if it is scratched.
80	There is no disc in the magazine.	Load a disc into the magazine.
A0, 10, 12, 50, 60, 70	Electrical or mechanical system fault.	See Note (*).

* Turn the car ignition switch off and on again, or press the source switch on the multi-CD controller to set CD playback again. If the error indication does not disappear, contact your nearest Pioneer service center or station.

Precautions

- When driving on an uneven road, the player may not reproduce every sound properly.
- During winter the inside of the vehicle may be very cold. If the heater is turned on and the player is used soon after, the disc or optical parts (prism, lens, etc.) may become misted up, and the player will not operate correctly. If the disc is misted up, wipe it with a soft cloth. If the optical parts are misted up, wait for about an hour for them to warm up. They will return to their normal condition.

In case of trouble
When the unit does not operate properly, contact your dealer or the nearest authorized PIONEER Service Station.

Specifications

General

System ..... Compact disc audio system
Usable discs ..... Compact Disc
Signal format ..... Sampling frequency: 44.1 kHz
Number of quantization bits: 16; linear
Power source ..... 14.4 V DC (10.8 — 15.6 V allowable)
Max. current consumption ..... 0.9 A
Weight ..... 2.8 kg
Dimensions ..... 275 (W) × 93 (H) × 168 (D) mm

Audio

Frequency characteristics ..... 5 — 20,000 Hz (±1 dB)
Signal-to-noise ratio ..... 97 dB (1 kHz) (IEC-A Network)
Dynamic range ..... 94 dB (1 kHz)
Output level ..... 500 mV (1 kHz, 0 dB)
Number of channels ..... 2 (stereo)

Note:
Specifications and the design are subject to possible modification without prior notice due to improvements.

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